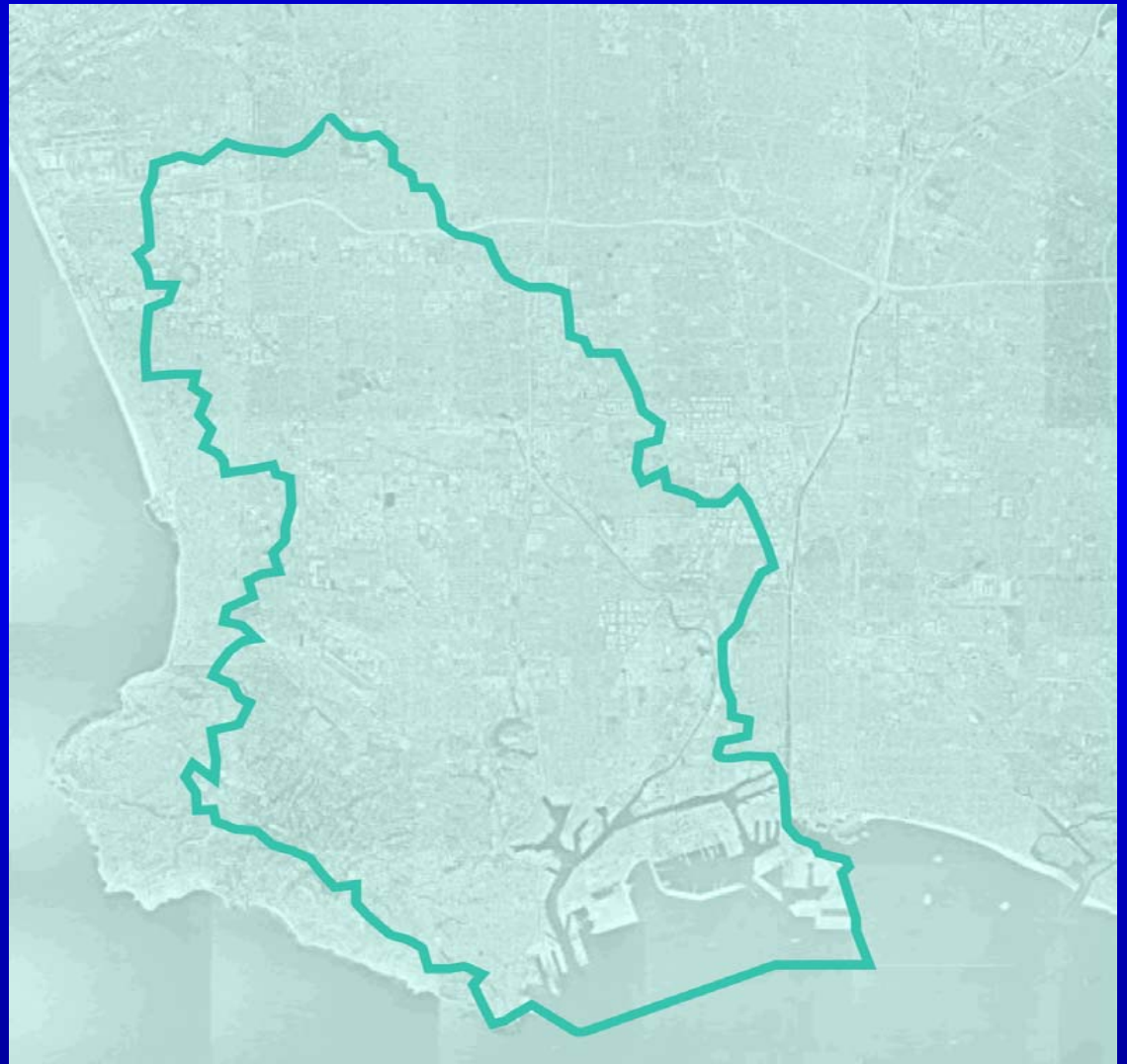


Dominguez Watershed Management Master Plan



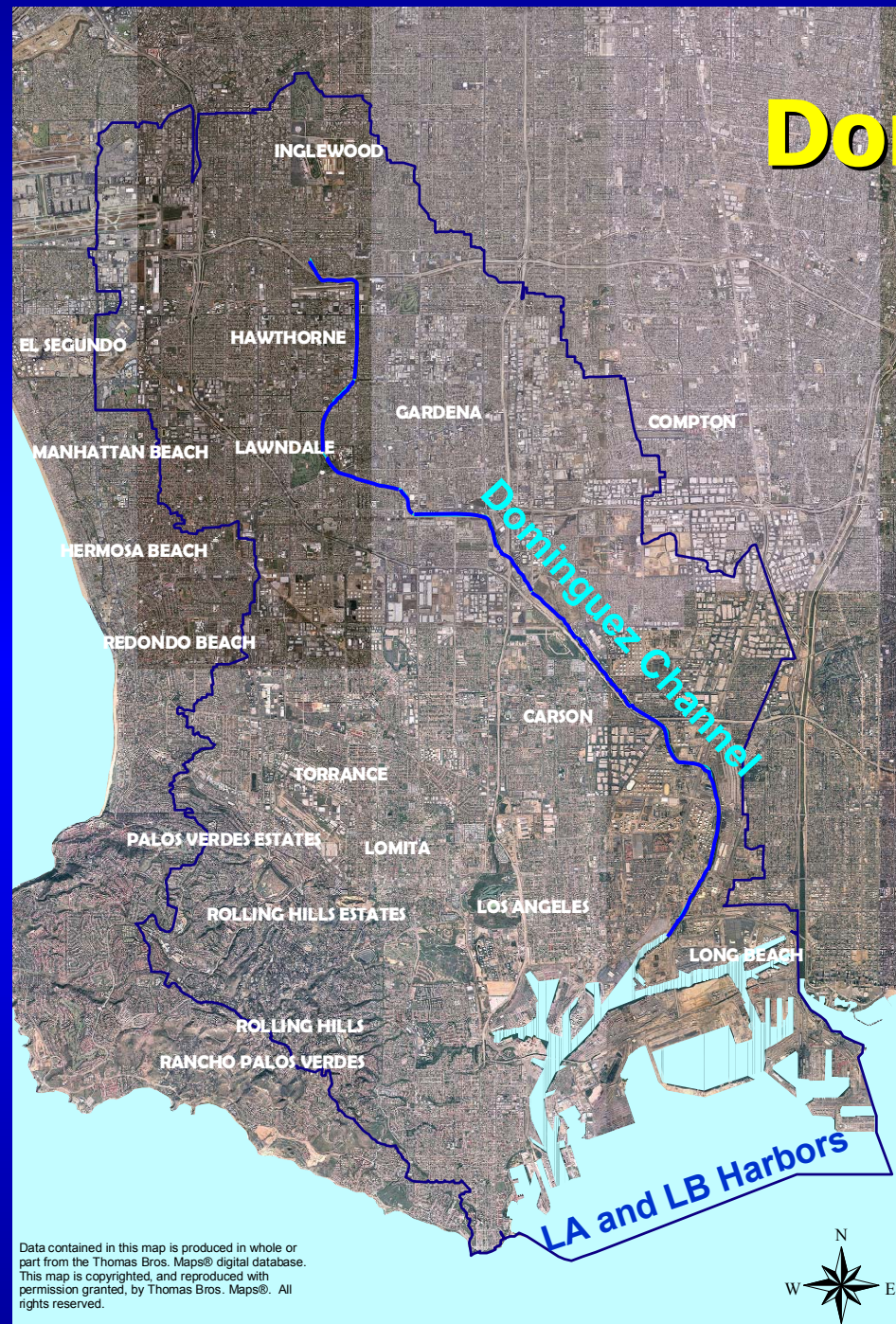
Presentation Agenda

- The Dominguez Watershed
- Development of the Watershed Plan
- Watershed Issues and Concerns
- Goals and Objectives
- Strategic Actions
- Implementation and Involvement

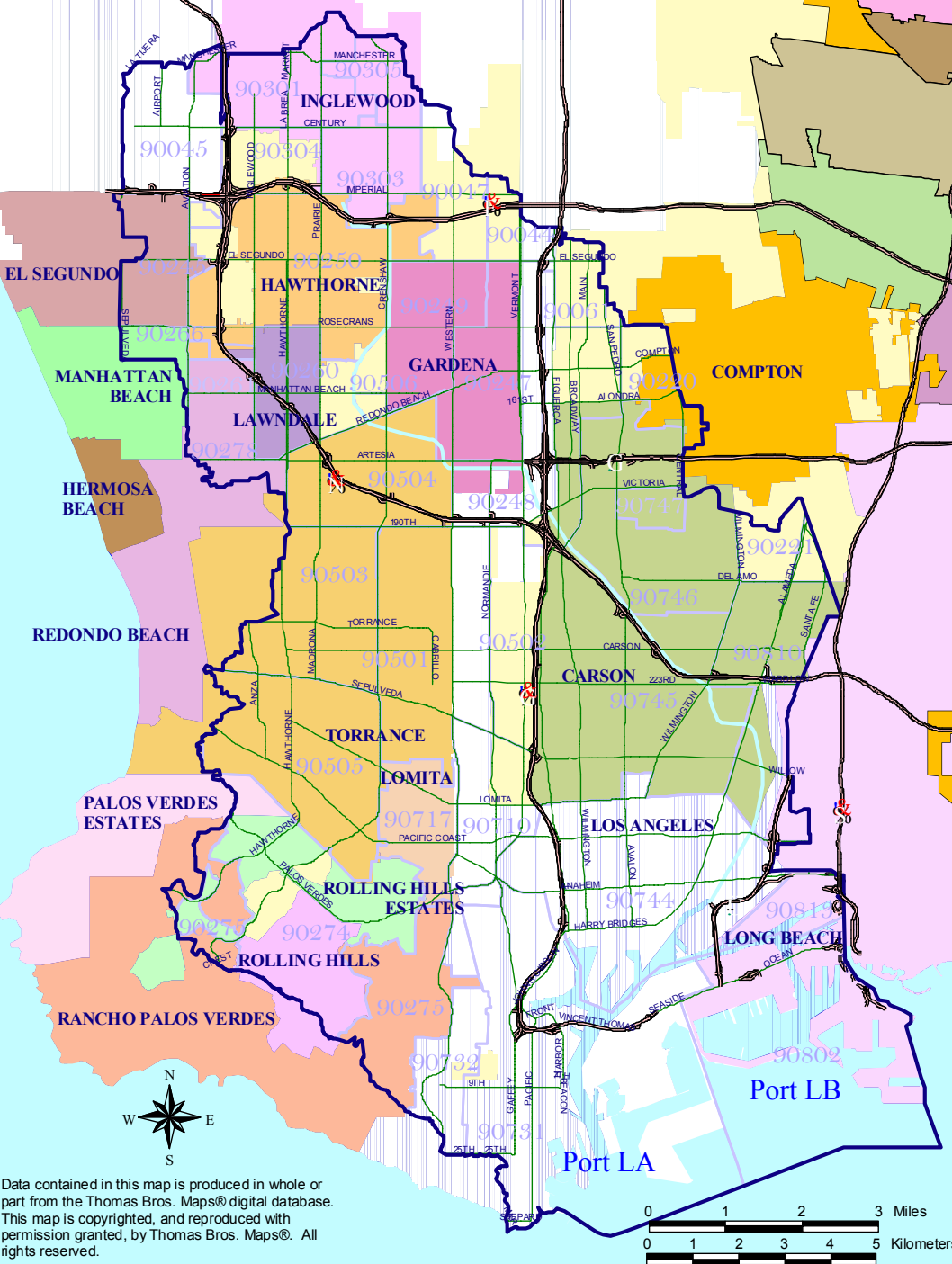
Dominguez Watershed

Key Facts

- 120 square miles of land
- 13 square miles of water (floodways, harbors)
- > 90% developed
- Dominguez Channel drains to Los Angeles Harbor



Dominguez Watershed Jurisdictions



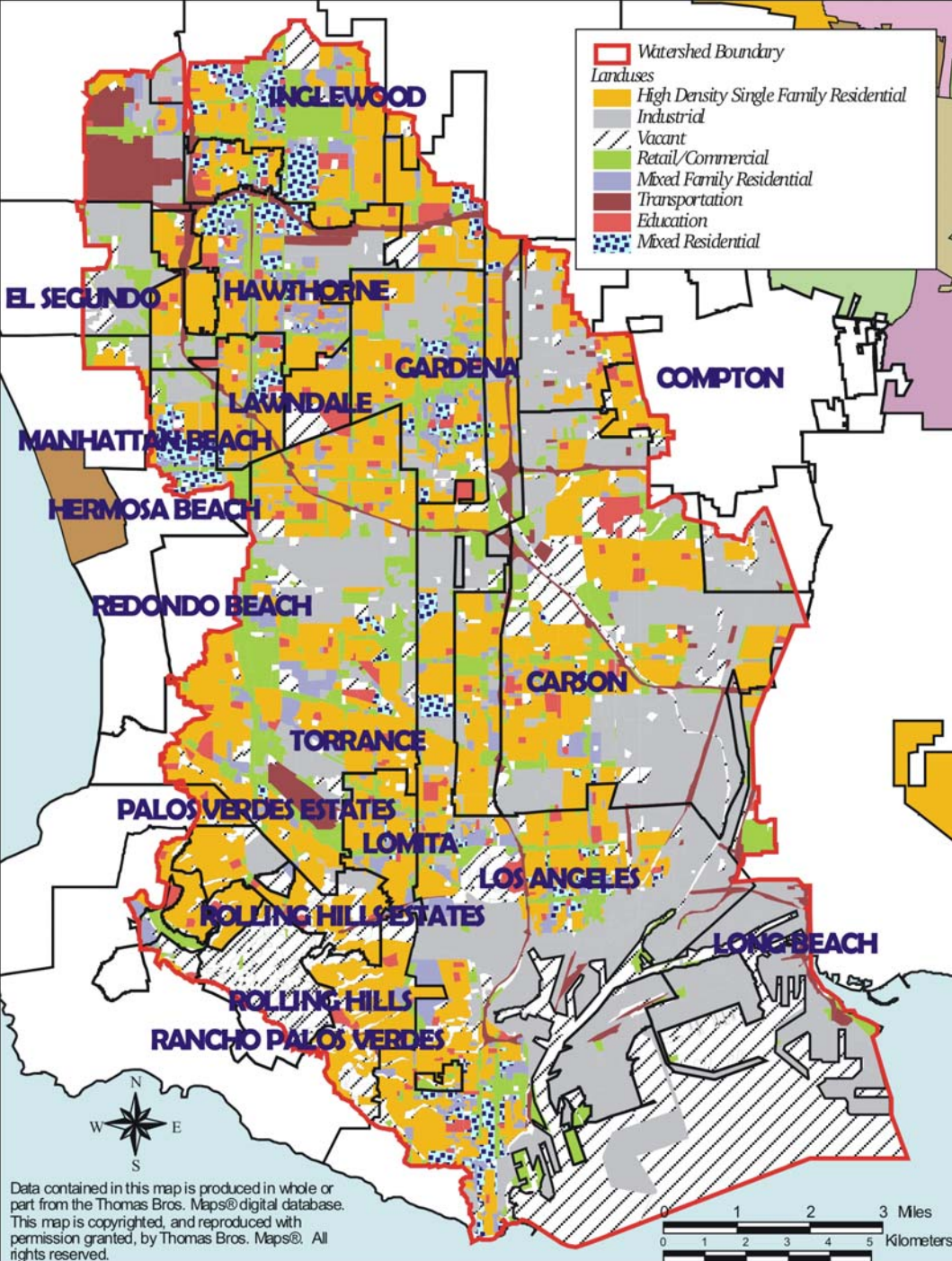
- Carson
- Compton
- El Segundo
- Gardena
- Harbor Gateway
- Hawthorne
- Inglewood
- Lawndale
- Lomita
- Long Beach
- Los Angeles
- Manhattan Beach
- Palos Verdes Estates
- Rancho Palos Verdes
- Redondo Beach
- Rolling Hills
- Rolling Hills Estates
- San Pedro
- Torrance
- Wilmington

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Land Use Types

Mixed Land Uses

- Residential 38%
- Industrial 25%
- Commercial 10%
- Harbors 10%
- Open Space 10%
- Transportation 5%
- Education 2%



Note: These categories were used in the LACDPW pollutant loading model. (See Section 2.3)

What is Watershed Management ?



Integrating and coordinating all activities that affect the watershed's beneficial uses like:

- **Water quality**
- **Flood protection**
- **Water conservation**
- **Open space habitat enhancement and recreation**



Why Watershed Management ?

- Increase awareness and promotes stewardship
- People working together can accomplish plenty
- Stakeholders can stretch effectiveness of limited funding



Watershed Management Master Plan



Vision - “An urban industrial watershed in balance with the environment”

- Background Information
- Issues Statements
- Action Plan

Development of Wa

gement Master Plan

**DWAC
MEETINGS**

**Watershed Assessment
Collect and Summarize Data**

**September 2002 -
July 2003**

**Identify Issues & Concerns
Review Goals & Objectives**

**January 2003
Public Workshops**

**Synthesize Results
Draft Management Actions**

**September 2003
Agency Workshops**

**Prepare Watershed
Management Plan**

**January–March 2004
Agency Review**

Final Plan

April 2004



Dominguez Watershed Management Master Plan Purpose

- **Provide linkage between watershed characteristics, problems, and management**
- **Integrate with existing plans and programs**
- **Promote coordination amongst jurisdictions, stakeholder groups, residents, users of watershed**
- **Identify programs and projects to reduce impairments and protect beneficial uses**
- **Facilitate acquisition of funds to implement watershed management**

Current Issues

Jurisdiction	Poor Water Quality	Flooding	Erosion/ Sediment ation	Ground- water Pollution	Water Supply	Create Open Space	Habitat Restoration
Carson		X		X		X	
El Segundo					X		
Gardena	X			X		X	
Hawthorne				X	X	X	
Inglewood		X			X	X	
Lawndale		X				X	
Lomita		X					
Long Beach	X					X	X
Los Angeles (City)	X				X	X	X
Los Angeles (County)	X	X			X	X	
Manhattan Beach						X	
Redondo Beach	X	X				X	
Rolling Hills		X					
Torrance	X	X	X	X	X		X
Port Los Angeles	X		X				
Port Long Beach	NA	NA	NA	NA	NA	NA	NA
LARWQCB	X			X			X
Total	8	8	2	5	6	11	4

NA = not applicable

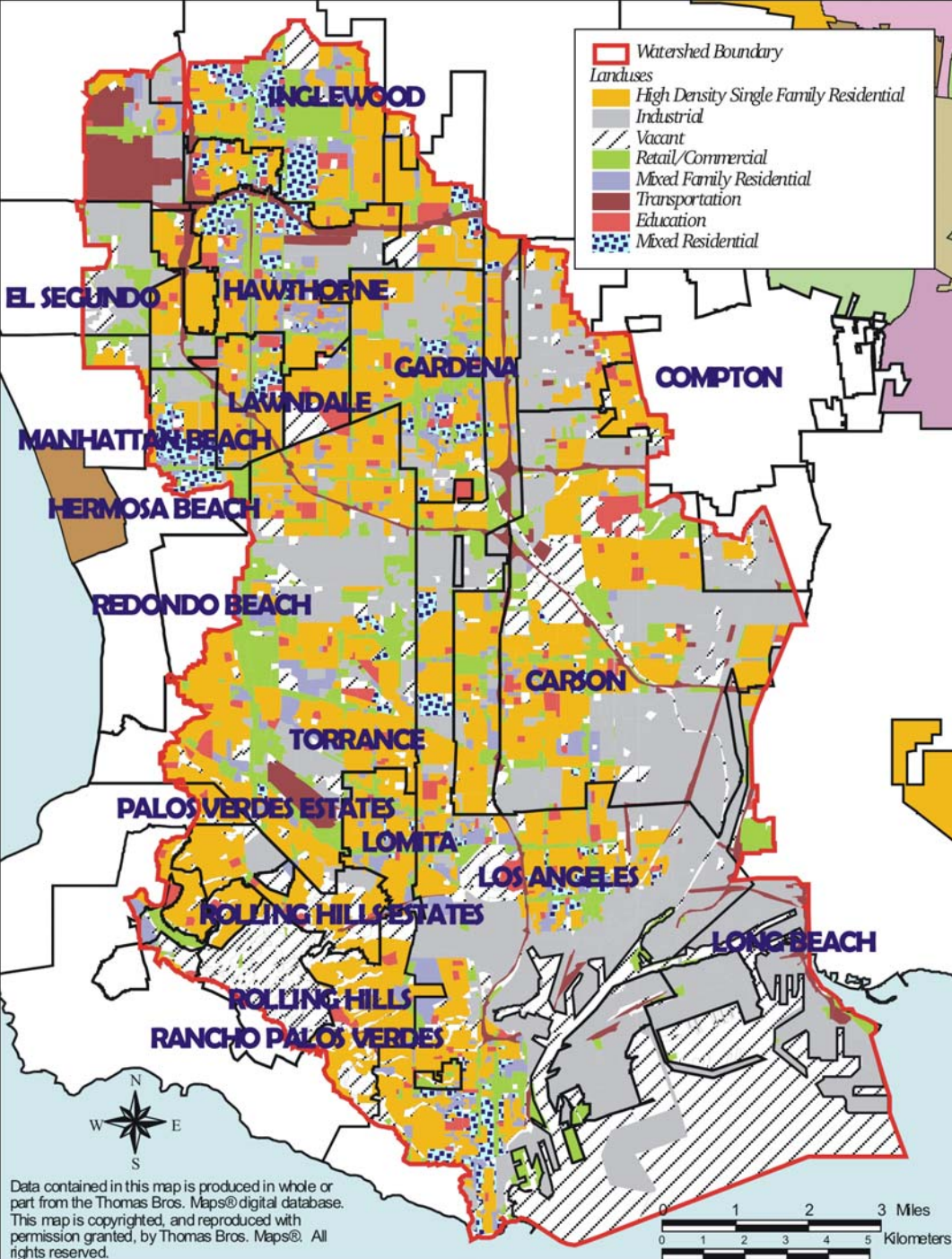
Note: Other issues of concern identified by some jurisdictions included lack of funding, sewer overflows, and traffic.

Water Resource Issues



- Impaired water quality
 - Urban Runoff
 - Trash
 - Indicator bacteria
 - Sedimentation
 - Legacy pollutants
- Flooding
- Majority of water supply imported

Land Use Issues



- Limited open space
- Brownfields
- Disadvantaged areas
- Population growth and traffic congestion
- Demands on infrastructure

Recreation Issues



- 2% of land use open space/recreation
- Ratio of park acreage does not meet population demand
- Limited access to open space/natural areas
- Fish consumption advisories
- Few trails and bikeways

Biological Resource Issues



- Sensitive habitats
- Endangered species
- Degraded habitats
- Invasive plants
- Limited buffers
- Urban runoff
- Human disturbance

Action Plan Summary

<u>Goals</u>	<u>Actions</u>
■ Protect and Enhance Water Quality	18
■ Conserve, Reuse, and Recharge Water Supplies	5
■ Protect, Enhance, and Restore Natural Habitats	14
■ Promote Public Awareness and Involvement	13
■ Implement Stewardship in Balance with Economic and Environmental Impacts	10
	<hr/>
	60

Integrate with Existing Programs and Plans

- **Municipal Stormwater Permit**
 - **Stormwater Quality Management Plan (SQMP)**
 - **Standard Urban Runoff Mitigation Plan (SUSMP)**
- **General Plans**
 - **Land Use**
 - **Open Space**
 - **Conservation**

Water Quality Improvement Strategy



- Reduce hardscape surfaces and urban runoff
- Reduce trash impairment
- Reduce ongoing discharge impairments
- Reduce legacy pollutant impairments

Water Conservation Strategy



- **Reduce potable water use**
- **Increase water reuse**



Habitat Protection, Enhancement, Restoration Strategy



- **Protect native habitat**
- **Enhance/restore native habitats**
- **Control exotic and invasive species**



Public Awareness and Involvement Strategy



- Increase public awareness and stewardship
- Encourage public involvement
- Document effectiveness of watershed management

Balanced Stewardship (Economic and Environmental Impacts) Strategy

- **Promote effective watershed management coordination**
- **Promote brownfields redevelopment and reuse of land**
- **Obtain funds to implement watershed programs and projects**

Coordination With Stakeholders

- **Municipal Departments, Committees, Commissions, City Councils**
- **County Board of Supervisors**
- **South Bay Council of Governments**
- **Southern California Association of Governments**
- **Resource/Regulatory Agencies**
- **Non-governmental organizations**
- **Local Task Forces**
- **Developers**
- **Businesses**
- **Residents**
- **Other Watershed Councils**

Regional Planning Coordination

- **Incorporate watershed protection objectives into regional planning**
- **Strengthen linkage between SUSMP requirements, watershed protection, and Livable Communities principles**
- **Promote brownfields redevelopment as opportunities to implement watershed friendly projects according to Livable Communities principles**
- **Coordinate watershed and Livable Communities outreach and education**

Funding Mechanisms

- **Reallocate Budgets**
- **Adopt-A-Waterway Program**
- **Fund-Raising Ad Campaigns**
- **Grant Funding**
- **Mitigation Bank**
- **State and Federal Loans (e.g., brownfields)**
- **Bonds**
- **Fees**
- **Coordinate with EPA and/or other agencies performing projects in watershed**

Next Steps

- **Adoption by local jurisdictions and stakeholders**
- **Conduct Outreach and Coordinate Implementation of Watershed Action Plan**
- **Prioritize Implementation Strategy**
- **Obtain Funding**
- **Implement Programs**
- **Implement Projects**
- **Monitor Effectiveness**
- **Adaptive Management**

Keeping Informed

- Participate (DWAC, Councils, Committees, Task Forces)
- Volunteer
 - ✓ Watershed Enhancement Projects
 - ✓ Watershed Events
- Visit – www.ladpw.org/wmd
www.888CleanLA.com